

San Francisco
Los Angeles
Phoenix
Denver
Kansas City
Dallas/Fort Worth
Chicago/Milwaukee

Warning: Refer to current foreign charts and flight information publications for information within foreign airspace

Minneapolis/St Paul
Detroit
St Louis
Atlanta
Jacksonville
Miami
Washington

A-1

UNITED STATES GOVERNMENT FLIGHT INFORMATION PUBLICATION IFR AREA CHARTS - U.S.

For use up to but not including 18,000' MSL

HORIZONTAL DATUM: NORTH AMERICAN DATUM OF 1983

EFFECTIVE 0901Z **29 JUL 2010**

TO 0901Z **23 SEP 2010**

Consult NOTAMs for latest Information

PUBLISHED IN ACCORDANCE WITH INTERAGENCY AIR CARTOGRAPHIC COMMITTEE
SPECIFICATIONS AND AGREEMENTS APPROVED BY:

DEPARTMENT OF DEFENSE ★ FEDERAL AVIATION ADMINISTRATION

Consult ENROUTE CHARTS for LEGEND Information

MILITARY TRAINING ROUTES

NUMBER	ALTITUDE RANGE	AREA	NUMBER	ALTITUDE RANGE	AREA
IR-18	5000 TO 7000	Jacksonville	VR-163	500 AGL TO 3000	Dallas/Fort Worth
IR-32	5000 TO 7000	Jacksonville	VR-223	500 AGL TO 9000	Phoenix
IR-33	500 AGL TO 6000	Jacksonville	VR-231	100 AGL TO 7000	Phoenix
IR-103	100 AGL TO 5000	Dallas/Fort Worth	VR-239	300 AGL TO 9500	Phoenix
IR-105	100 AGL TO 7000	Dallas/Fort Worth	VR-241	300 AGL TO 9500	Phoenix
IR-139	100 AGL TO 6000	Dallas/Fort Worth	VR-242	300 AGL TO 9000	Phoenix
IR-207	200 AGL TO 15000	San Francisco	VR-243	300 AGL TO 9500	Phoenix
IR-415	300 AGL TO 8000	Denver	VR-244	300 AGL TO 9000	Phoenix
IR-614	500 AGL TO 8000	St Louis	VR-245	300 AGL TO 9000	Phoenix
IR-714	SURFACE TO 6000	Washington	VR-267	300 AGL TO 6000	Phoenix
IR-720	5000 TO 8000	Washington	VR-268	300 AGL TO 6000	Phoenix
IR-760	SURFACE TO 6000	Washington	VR-269	300 AGL TO 6000	Phoenix
VR-104	300 AGL TO 10000	Dallas/Fort Worth	VR-704	100 AGL TO 11000	Washington
VR-118	500 AGL TO 15500	Dallas/Fort Worth	VR-705	100 AGL TO 10000	Washington
VR-142	500 AGL TO 4000	Dallas/Fort Worth	VR-708	100 AGL TO 5500	Washington
VR-158	500 AGL TO 5000	Dallas/Fort Worth			

ATTENTION

THIS CHART CONTAINS OFF ROUTE OBSTRUCTION CLEARANCE ALTITUDES (OROCA).

The off route obstruction clearance altitudes shown in quadrangles bounded by ticked lines of latitude and longitude are represented in THOUSANDS and HUNDREDS of feet above mean sea level. The OROCA is based on information available concerning the highest known features in each quadrangle, including terrain and obstructions. OROCA provides obstruction clearance with a 1000 foot buffer in designated non-mountainous areas and a 2000 foot buffer in designated mountainous areas within the United States. This altitude is provided for obstruction clearance only. It does not provide for NAVAID signal coverage or communication coverage, and would not be consistent with altitudes assigned by Air Traffic Control.

12⁵

Example: 12,500 feet

CORRECTIONS, COMMENTS, AND/OR PROCUREMENT

FOR RECOMMENDATIONS REGARDING FORMAT AND CONTENT CONTACT:

FAA, Aeronautical Information Services, AJR-321
800 Independence Ave., S.W.,
Washington, D.C. 20591
Online at <http://nfdc.faa.gov>
Email 9-AWA-ATOR-AIS-feedback@faa.gov
Telephone 1-866-295-8236

FOR PROCUREMENT CONTACT:

FAA, National Aeronautical Navigation Services
Distribution Team, ATO-W
10201 Good Luck Road
Glenn Dale, MD 20769-9700
Online at <http://AERONAV.FAA.GOV>
Email 9-AMC-Chartsales@faa.gov
Tel. 1-800-638-8972 Fax 301-436-6829
or any authorized chart agent

FOR CHARTING ERRORS CONTACT:

FAA, National Aeronautical Navigation Services, ATO-W
SSMC-4, Sta. # 4259
1305 East-West Highway
Silver Spring, MD 20910-3281
Telephone 1-800-626-3677
Email 9-AMC-Aerochart@faa.gov

MILITARY

For Corrections Information, See Chapter 11 of General
Planning (GP). For Procurement refer to DOD Catalog of
Aeronautical Charts and Flight Information Publications.

Frequently asked questions (FAQ) are answered on our web site at <http://AERONAV.FAA.GOV>
See the FAQs prior to contact via toll free number or email.



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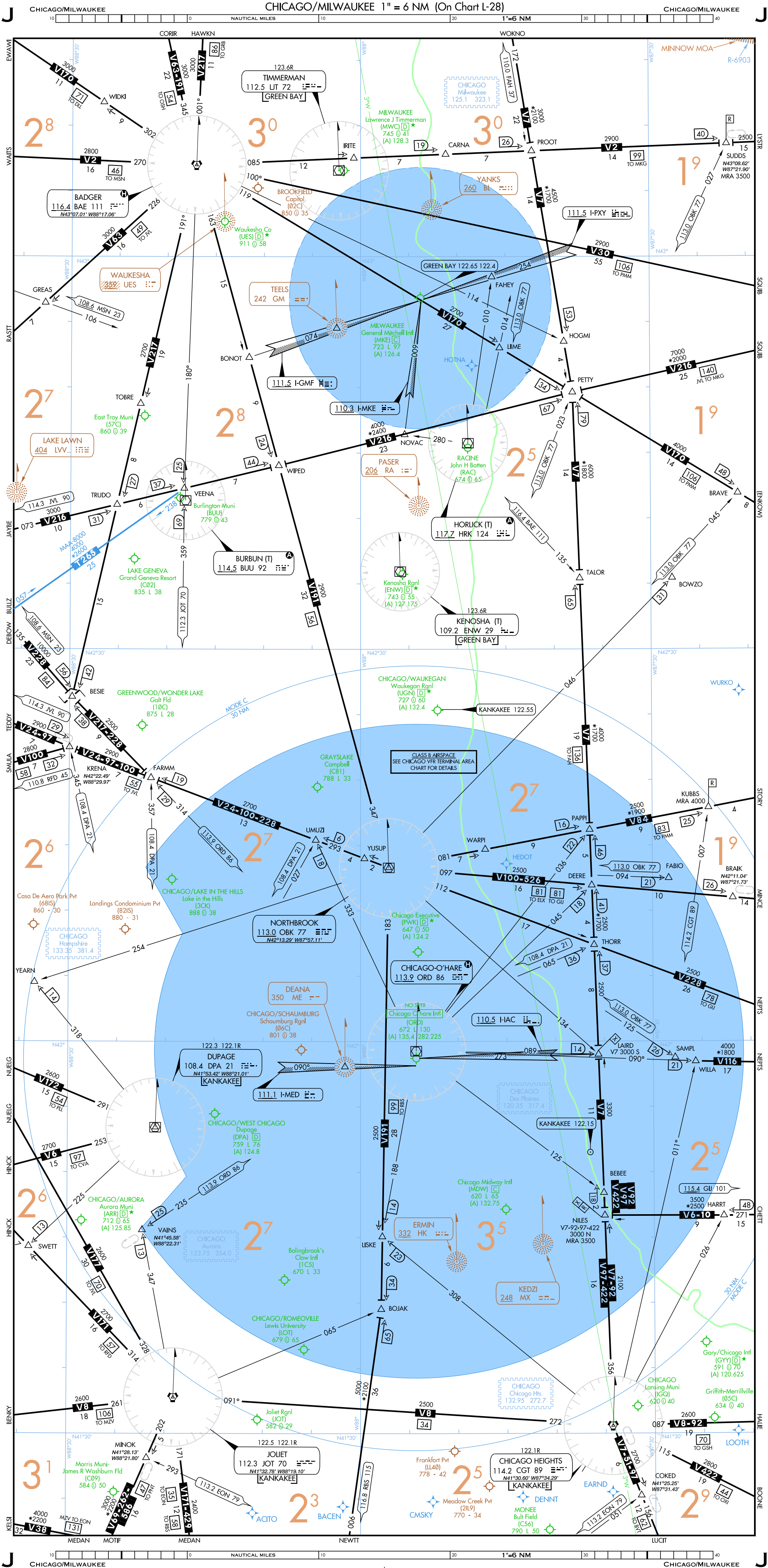
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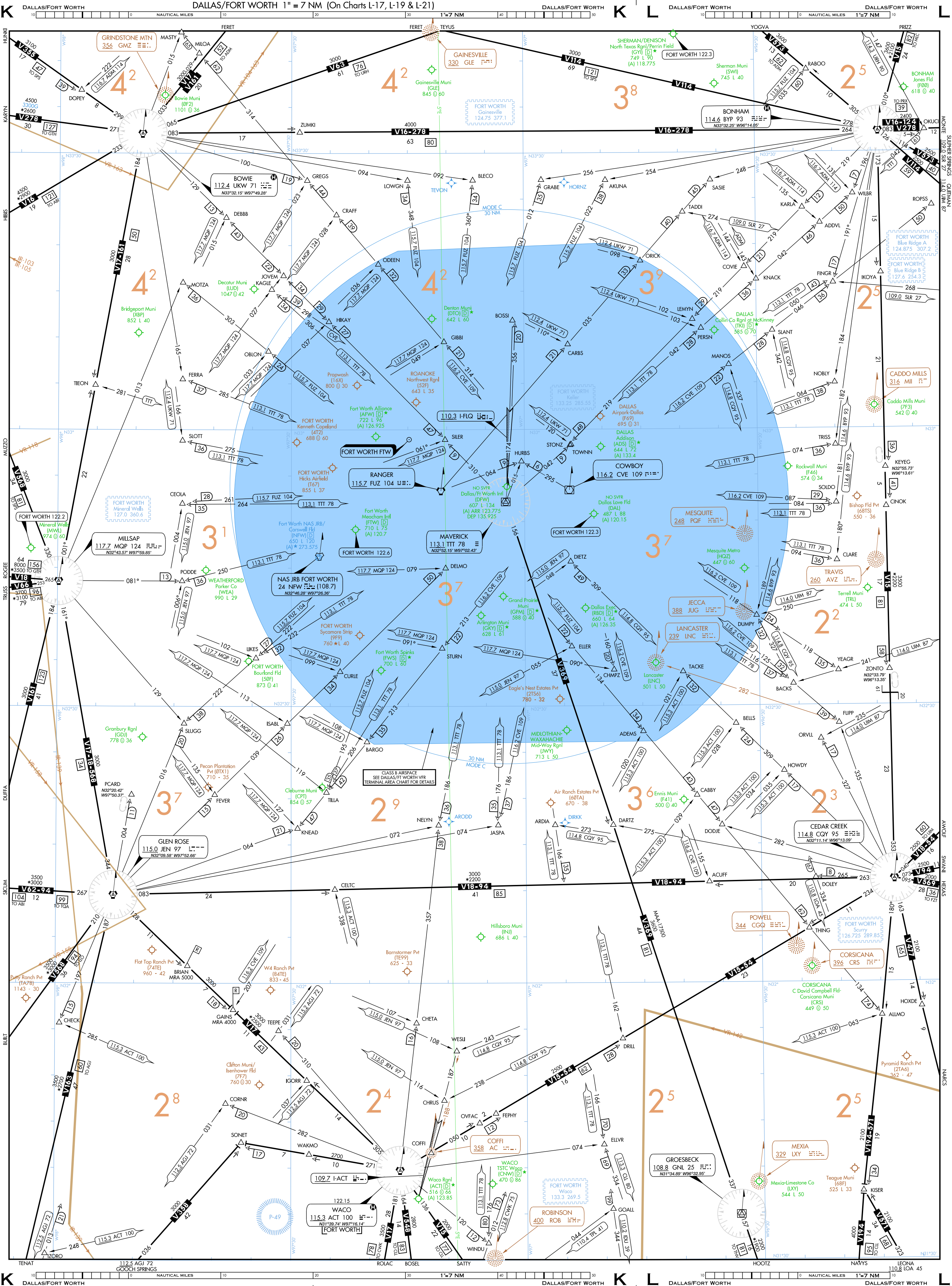
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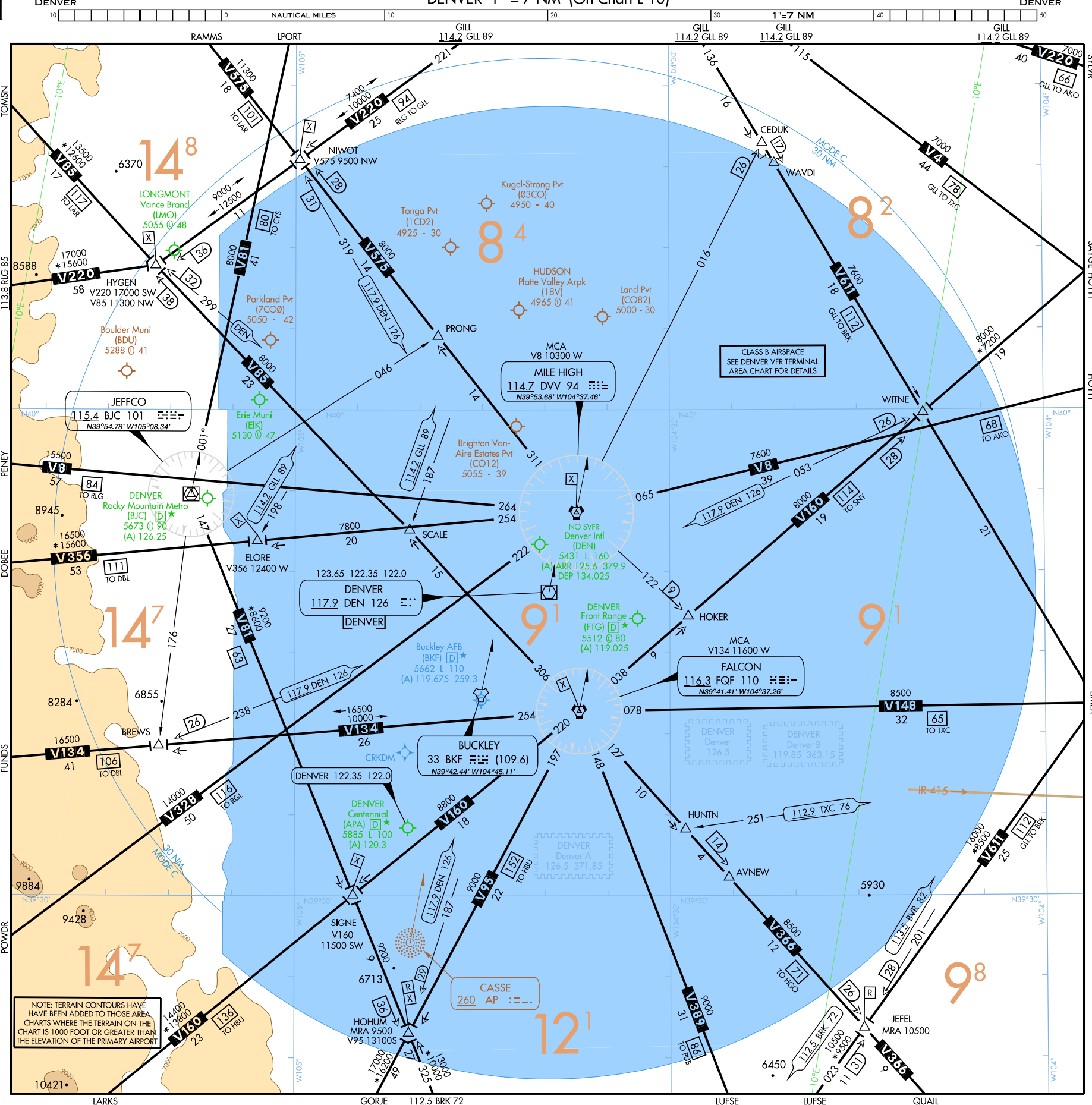
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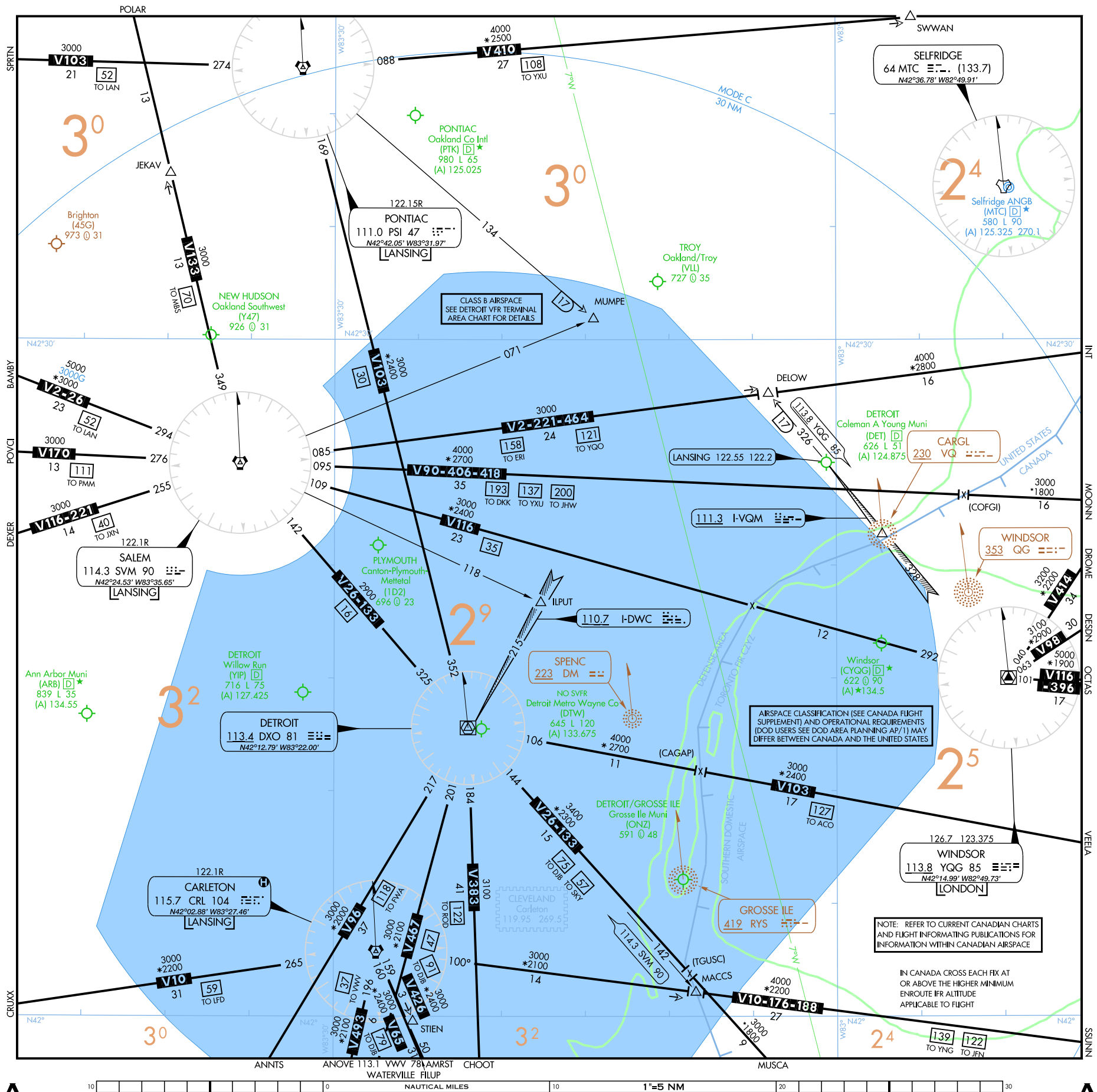
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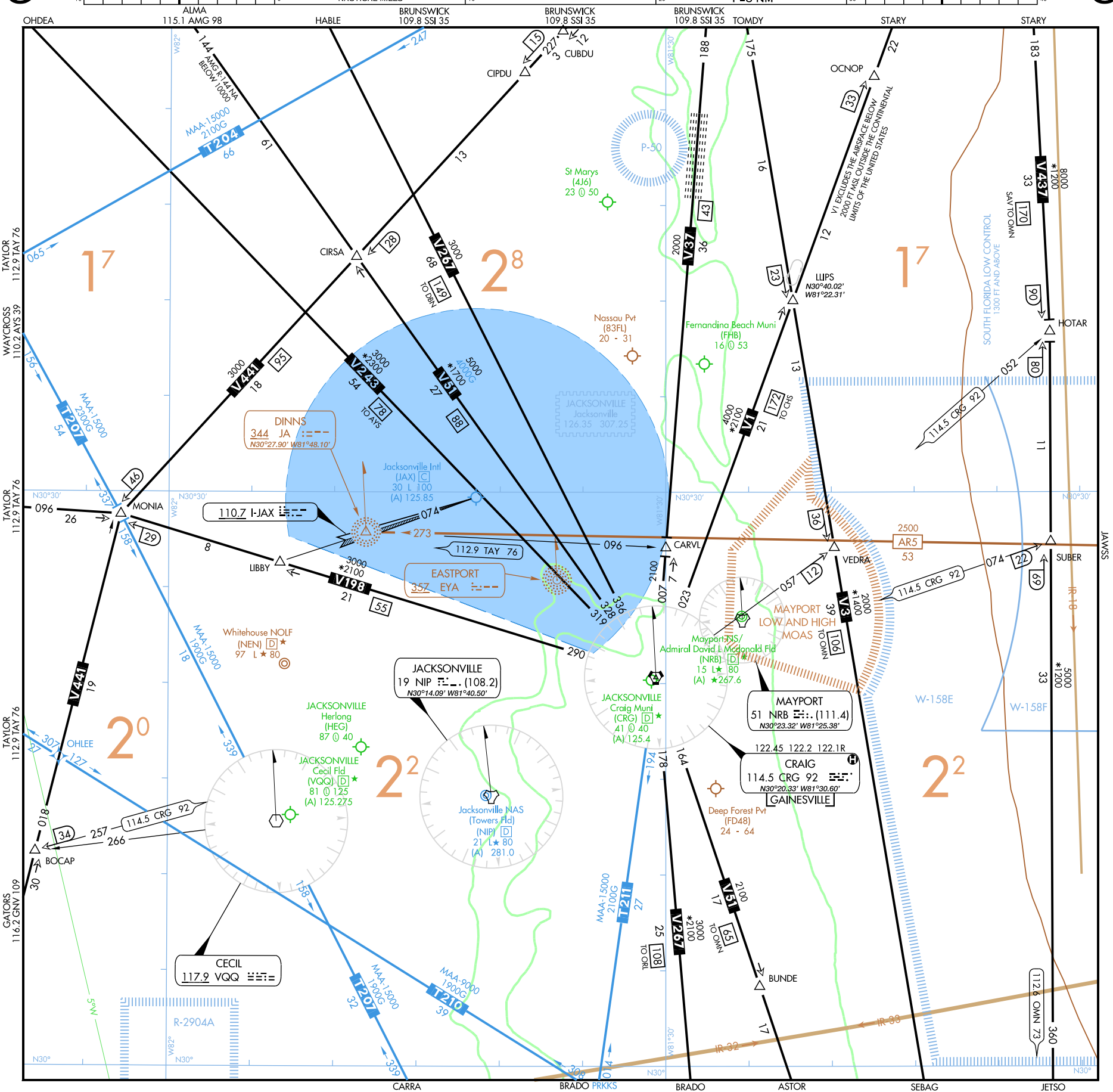


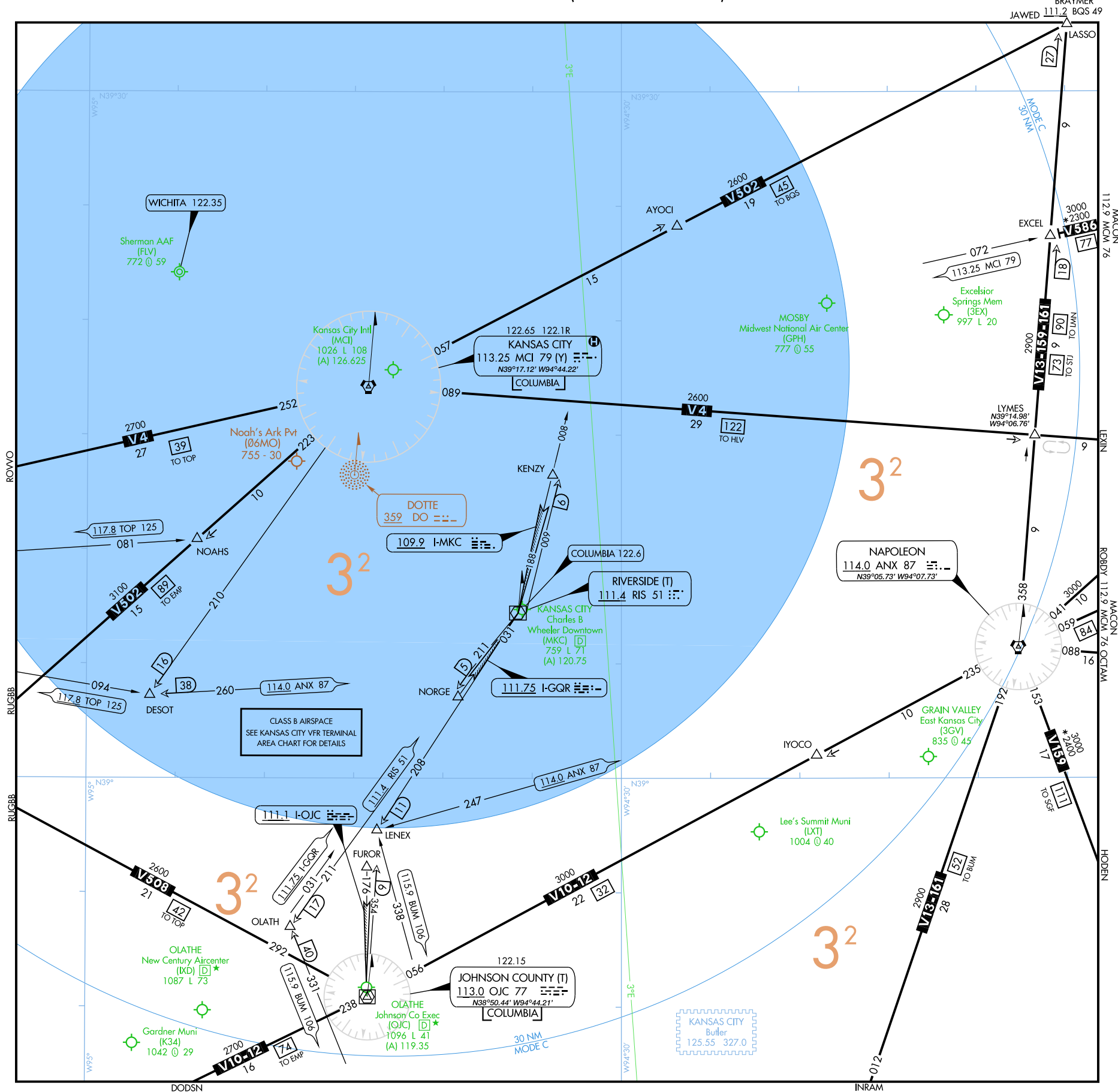


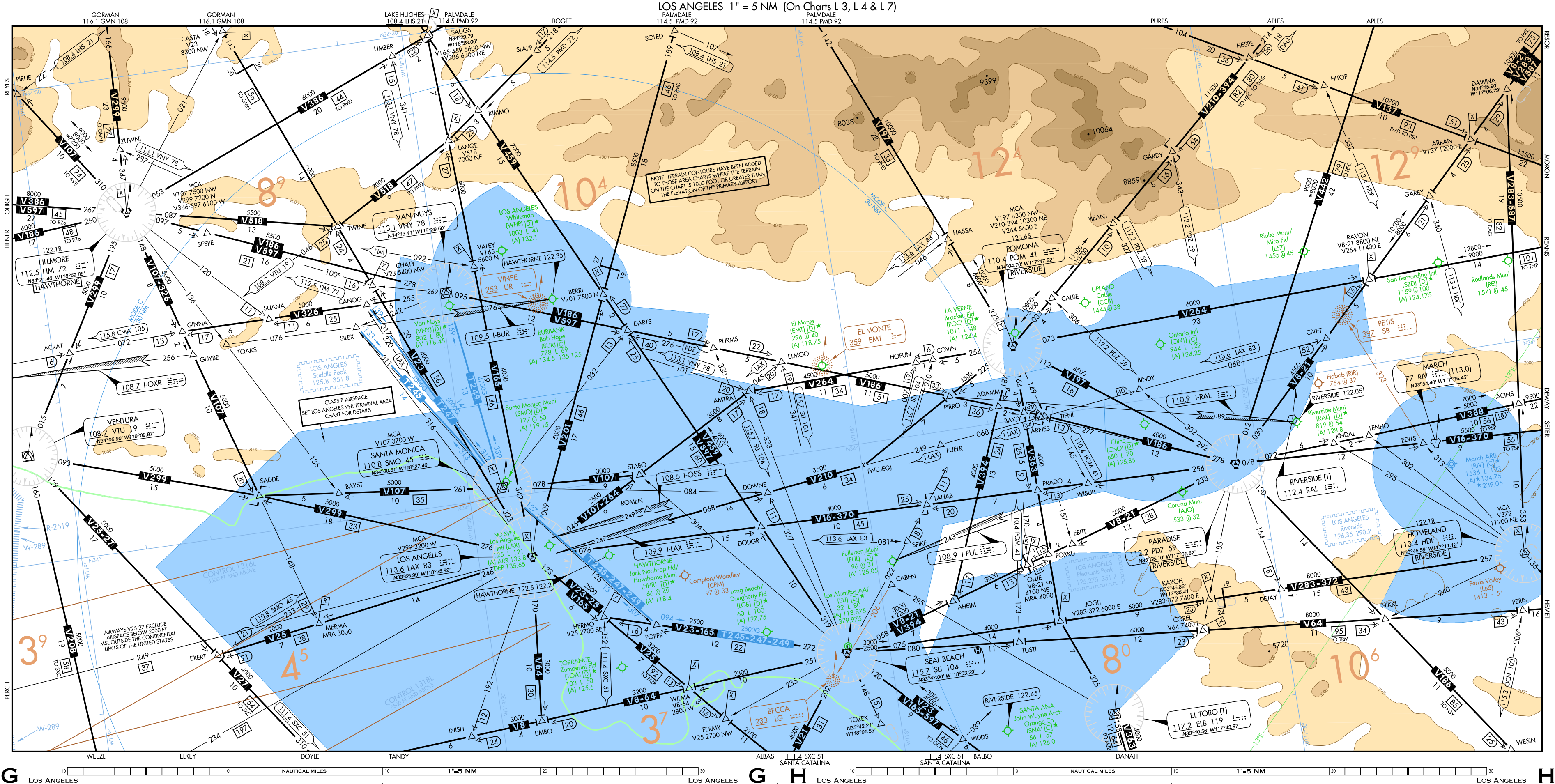


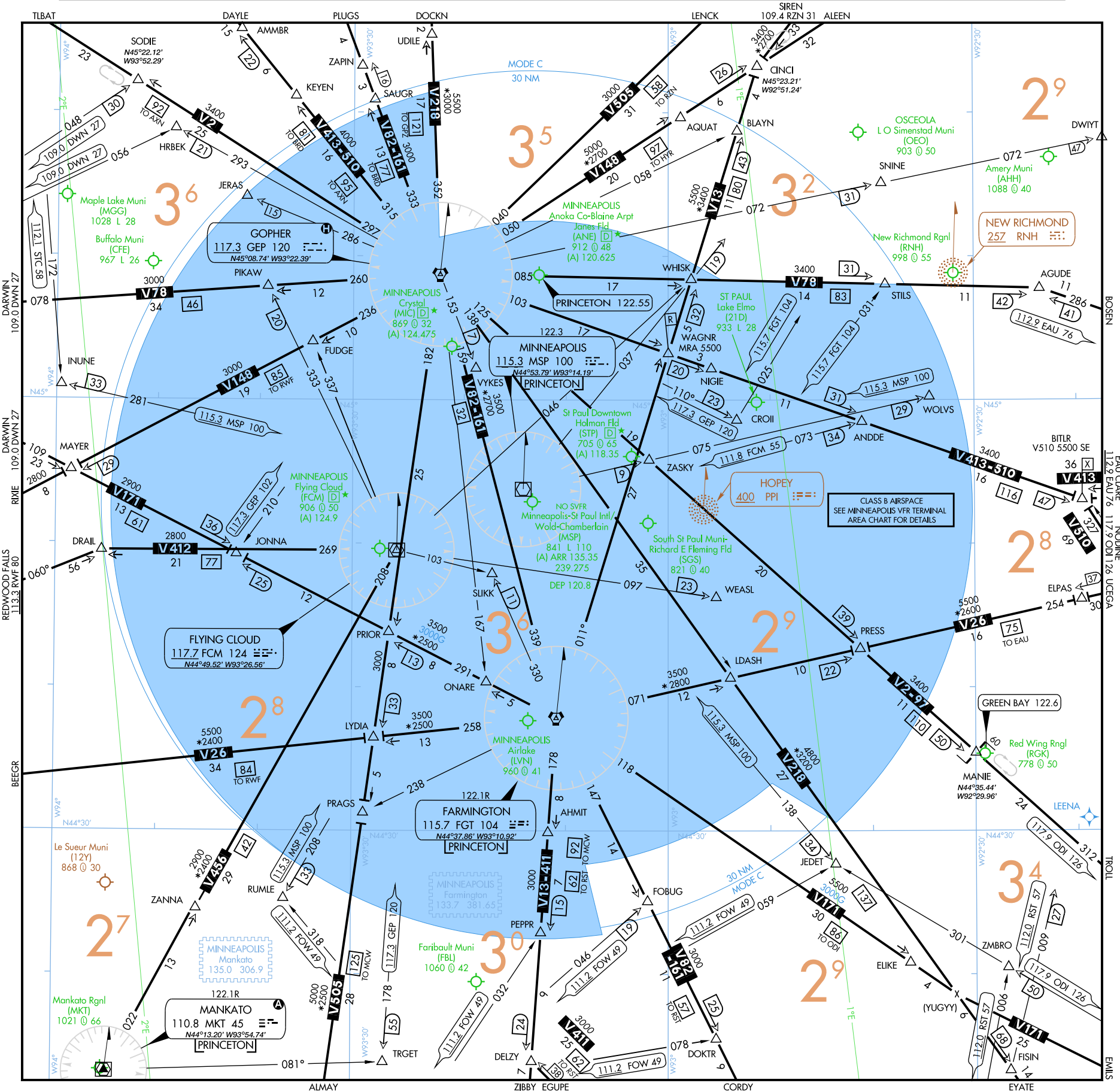
DETROIT 1" = 5 NM (On Charts L-28 & L-30)



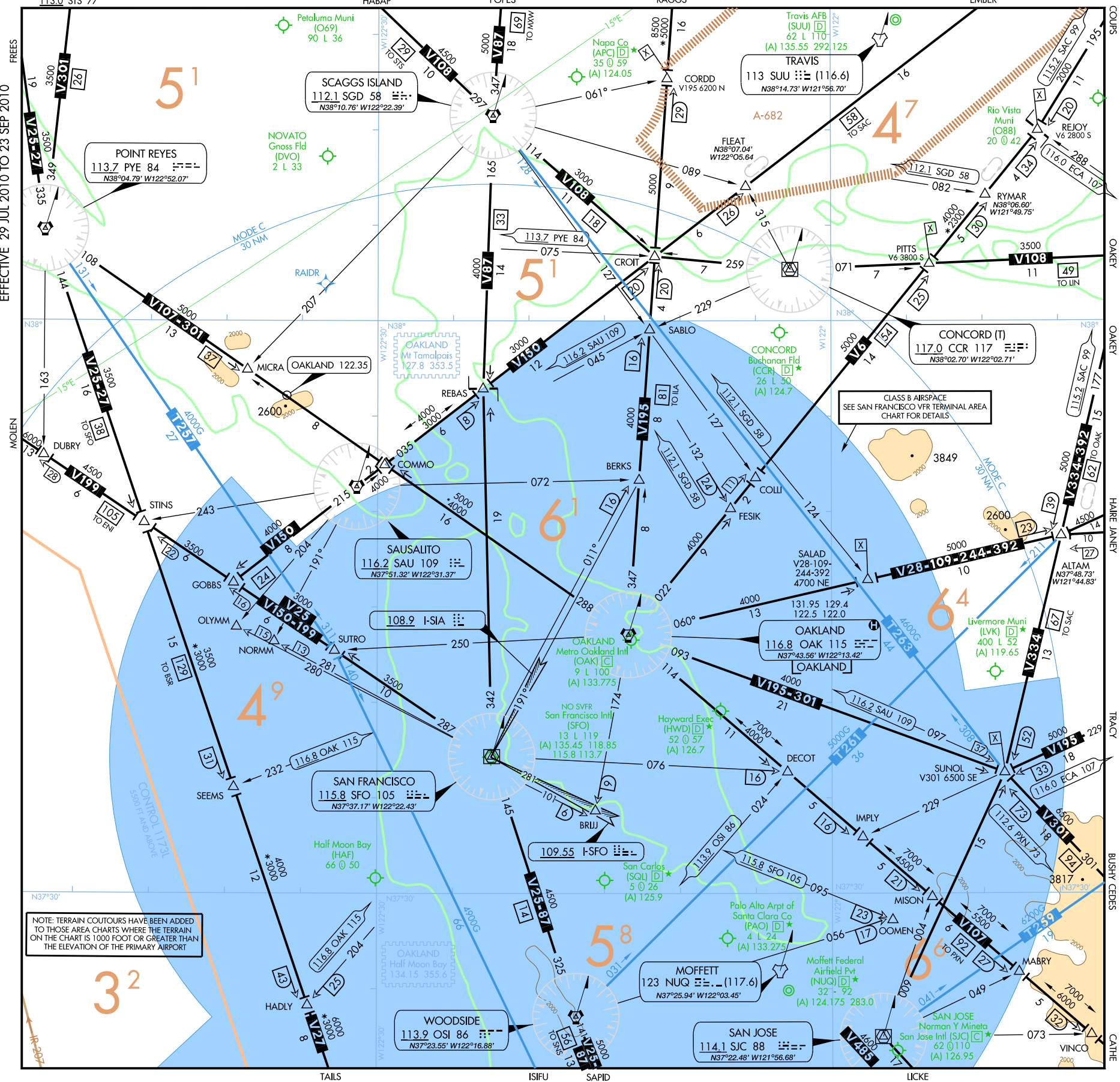


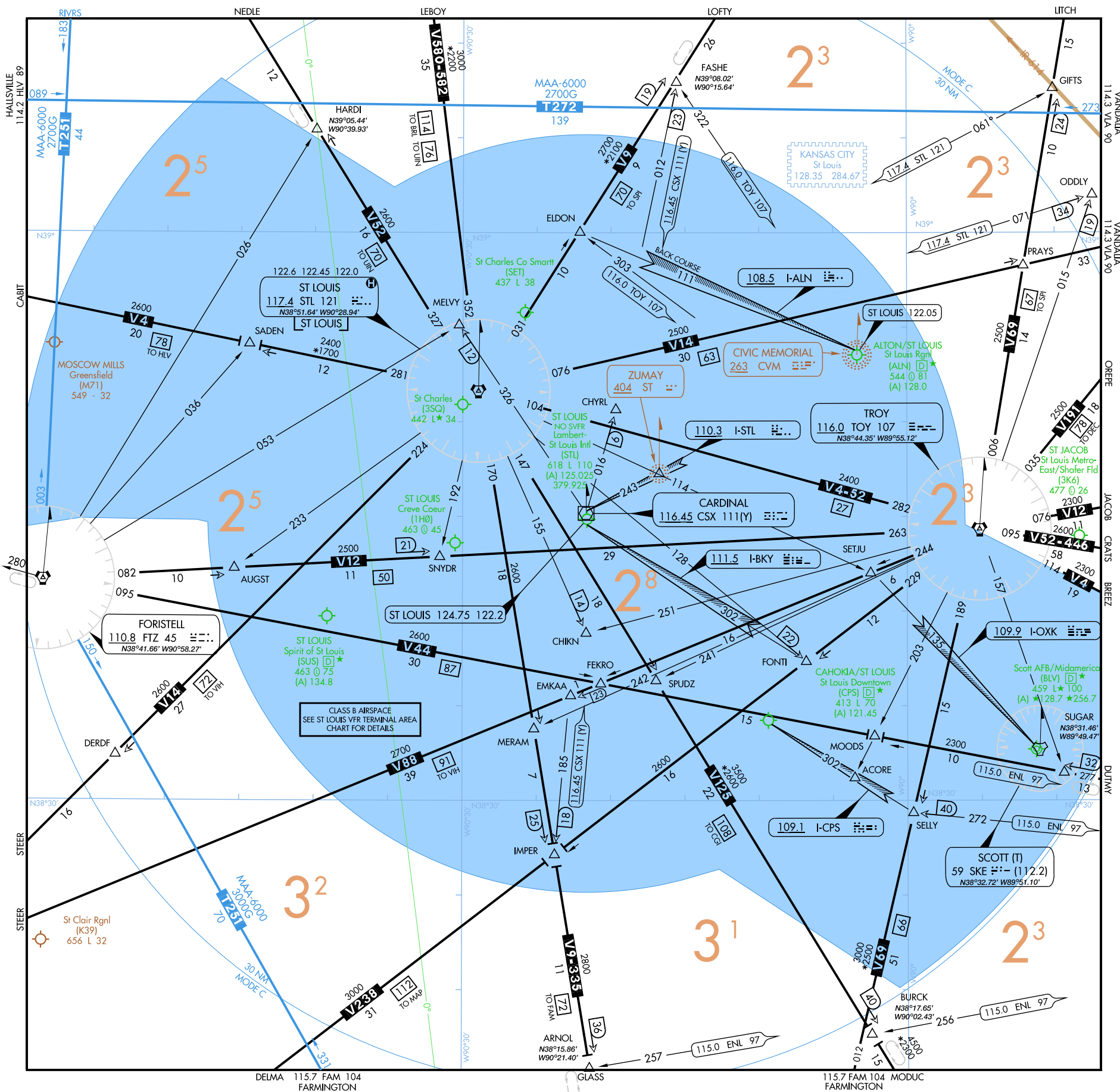


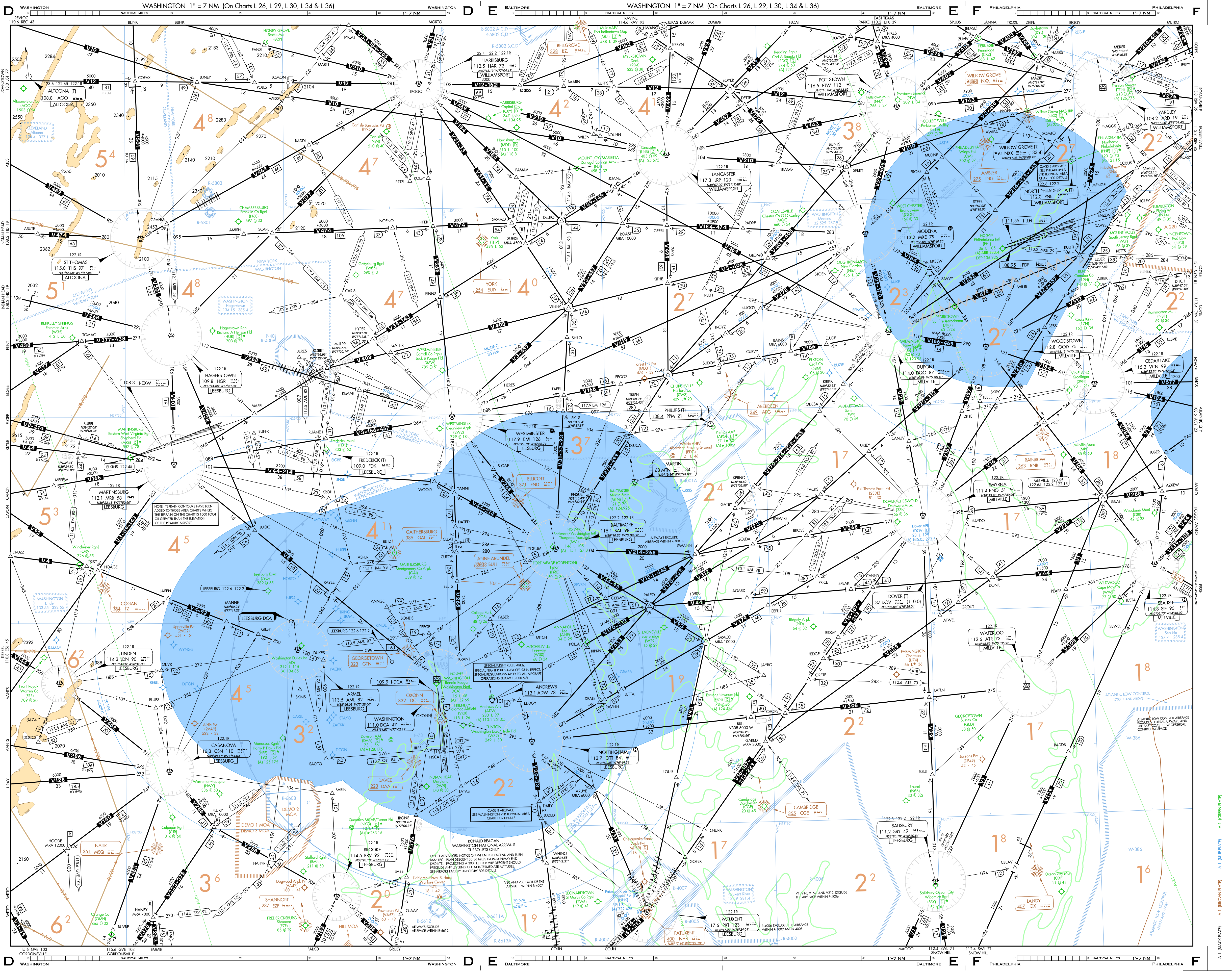












ARTCC three letter ident: Albuquerque ZAB, Atlanta ZTL, Chicago ZAU, Cleveland ZOB, Denver ZDV, Fort Worth ZFW, Jacksonville ZJX, Kansas City ZKC, Los Angeles ZLA, Miami ZMA, Minneapolis ZMP, Oakland ZOA, Washington ZDC

A - Alert, P - Prohibited, R - Restricted, W - Warning Areas

All altitudes are MSL unless otherwise indicated

FL - Flight Level

Time - Hours shown are UTC unless otherwise indicated

Days - Sunrise to Sunset except Canada where it means 1/2 hr before sunrise to 1/2 hr after sunset

Nights - Sunset to Sunrise except Canada where it means 1/2 hr after sunset to 1/2 hr before sunrise

Cont - Continuous: 24 hrs a day, 7 days a week

‡ - During periods of Daylight Saving Time (DT) effective hours will be one hour earlier than shown.

NOTAM - Use of this term in Restricted Areas indicates FAA and DoD NOTAM systems. Use of this term in all other Special Use areas indicates the DoD NOTAM system.

SPECIAL USE AIRSPACE

NUMBER	EFFECTIVE ALTITUDE	TIMES USED, UTC			CONTROLLING AGENCY A/G CALL	PANEL
		DAYS	HOURS	WEATHER		
CHICAGO						
R-6903	To FL 450	Intermittent	By NOTAM	VFR-IFR	ZMP CNTR/FSS	A
DALLAS/FORT WORTH						
P-49	To 2000	Cont	Cont	VFR-IFR	No A/G	H
JACKSONVILLE						
P-50	To But Not Including 3000	Cont	Cont	VFR-IFR	No A/G	D
R-2904A	To But Not Including 1800	Apr-Aug Cont *1 Sep-Mar Sat-Sun *1	1300-2200Z‡ 1300-2200Z‡	VFR-IFR	JACKSONVILLE TRACON	D
W-158E	To 1200	Intermittent	By NOTAM	VFR-IFR	JACKSONVILLE TRACON	D
W-158F	1200 To 1700	Intermittent	By NOTAM	VFR-IFR	JACKSONVILLE TRACON	D
LOS ANGELES						
R-2519	Unltd	Cont	Cont	VFR-IFR	ZLA CNTR/FSS	G
W-289	Unltd	Intermittent	By NOTAM	VFR-IFR	ZLA CNTR/FSS	G
MIAMI						
A-291A	To 2500	Days	1100-0500Z‡	VFR	No A/G	D
A-291B	To 3900	Days	1100-0500Z‡	VFR	No A/G	D
A-291C	To 2500	Days	1100-0500Z‡	VFR	No A/G	D
A-291D	To 3900	Days	1100-0500Z‡	VFR	No A/G	D
PHOENIX						
R-2301E	To FL 800	Cont *1	1330-0700Z	VFR-IFR	ZAB CNTR/FSS	F
R-2304	To FL 240	Mon-Sat *1	1330-0700Z	VFR-IFR	ZAB CNTR/FSS	F
R-2305	To FL 240	Mon-Sat *1	1330-0700Z	VFR-IFR	ZAB CNTR/FSS	F
R-2310A	To 10000	Intermittent	By NOTAM	VFR	ZAB CNTR/FSS	F
R-2310B	10000 To 17000	Intermittent	By NOTAM	VFR	ZAB CNTR/FSS	F
R-2310C	17000 To 35000	Intermittent	By NOTAM	VFR	ZAB CNTR/FSS	F
A-231	500 AGL To 6500	Cont	Cont	VFR-IFR	No A/G	F
SAN FRANCISCO						
A-682	To 6000 N of Line To 3000 S of Line	Mon-Fri	1600-0500Z‡	VFR-IFR	No A/G	E
WASHINGTON						
P-40	To But Not Including 5000	Cont	Cont	VFR-IFR	No A/G	D
P-56	To 18000	Cont	Cont	VFR-IFR	No A/G	D
P-73	To But Not Including 1500	Cont	Cont	VFR-IFR	No A/G	D
R-4001A	Unlimited To 10000 Higher By NOTAM	Cont Cont By NOTAM	1200-0500Z‡ 0500-1200Z‡ By NOTAM	VFR-IFR	ZDC CNTR/FSS	E
R-4001B	To 10000 Higher By NOTAM	Intermittent By NOTAM	Intermittent By NOTAM	VFR-IFR	ZDC CNTR/FSS	E
R-4002	To 20000	Cont *1	Sunrise to 0500Z‡	VFR-IFR	ZDC CNTR/FSS	E
R-4005	To But Not Including FL 250	Cont *1	1200-0400Z‡	VFR-IFR	ZDC CNTR/FSS	E
R-4006	3500 To But Not Including FL 250	Cont *1	1200-0400Z‡	VFR-IFR	ZDC CNTR/FSS	E
R-4007	To But Not Including 5000	Cont *1	1200-0400Z‡	VFR-IFR	ZDC CNTR/FSS	E
R-4009	5000 To 12500	Cont	Cont	VFR-IFR	ZDC CNTR/FSS	D
R-5801	To 4000	Mon-Fri	1300-2100Z‡	VFR-IFR	No A/G	D
R-5802A	200 AGL To 5000	2/15-5/10 9/1-12/15 Sat Sun 5/11-8/31 Sat Sun-Fri *1	1300-0400Z‡ 1300-1700Z‡ 1300-0500Z‡ 1300-0100Z‡	VFR	ZNY CNTR/FSS	E
R-5802B	To 13000	2/15-5/10 9/1-12/15 Sat Sun 5/11-8/31 Sat Sun-Fri *1	1300-0400Z‡ 1300-1700Z‡ 1300-0500Z‡ 1300-0100Z‡	VFR	ZNY CNTR/FSS	E
R-5802C	500 AGL To But Not Including 17000	2/15-5/10 9/1-12/15 Sat Sun 5/11-8/31 Sat Sun-Fri *1	1300-0400Z‡ 1300-1700Z‡ 1300-0500Z‡ 1300-0100Z‡	VFR-IFR	ZNY CNTR/FSS	E
R-5802D	17000 To But Not Including FL 220	2/15-5/10 9/1-12/15 Sat Sun 5/11-8/31 Sat Sun-Fri *1	1300-0400Z‡ 1300-1700Z‡ 1300-0500Z‡ 1300-0100Z‡	VFR-IFR	ZNY CNTR/FSS	E
R-5803	To 4000	Mon-Fri	1300-2100Z‡	VFR-IFR	No A/G	D
R-6608A-C	To 10000	Cont *1	1000-0500Z‡	VFR-IFR	FAA, POTOMAC TRACON	D
R-6611A	To 40000	Mon-Fri *1	1300-2200Z‡	VFR-IFR	ZDC CNTR/FSS	D,E
R-6612	To 7000	Mon-Fri *1	1300-2200Z‡	VFR-IFR	ZDC CNTR/FSS	D
R-6613A	To 40000	Mon-Fri *1	1300-2200Z‡	VFR-IFR	ZDC CNTR/FSS	E
A-220	To 4500	Cont	1300-0300Z‡	VFR	No A/G	F
W-386	Unltd	Intermittent	By NOTAM	VFR-IFR	ZDC CNTR/FSS	F

*1 Other Times By NOTAM
*2 To But Not Including FL 180

MILITARY OPERATIONS AREAS

NUMBER	EFFECTIVE ALTITUDE	TIMES USED, UTC			CONTROLLING AGENCY A/G CALL	PANEL
		DAYS	HOURS	WEATHER		
CHICAGO						
MINNOW	10000 *2	Intermittent By NOTAM	Normally Days	VFR-IFR	ZAU CNTR/FSS	A
JACKSONVILLE						
MAYPORT HIGH	3000 *2	Intermittent	2300-0300Z‡	VFR-IFR	ZJX CNTR/FSS	C
MAYPORT LOW	1500 To But Not Including 3000	Intermittent	1300-0300Z‡	VFR-IFR	ZJX APP CON	C
PHOENIX						
GLADDEN 1	7000 or 5000 AGL Whichever is Higher *2	Mon-Fri *1	1300-0200Z	VFR-IFR	ZAB CNTR/FSS	F
OUTLAW	8000 or 3000 AGL Whichever is Higher *2	Mon-Fri Mon-Fri Intermittent Weekends	1400-0100Z 0100-0500Z By NOTAM	VFR-IFR	ZAB CNTR/FSS	F
SELLS 1	10000 *2	Mon-Fri *1	1300-0200Z	VFR-IFR	ZAB CNTR/FSS	F
SELLS LOW	3000 AGL To But Not Including 10000	Mon-Fri *1	1300-0200Z	VFR-IFR	ZAB CNTR/FSS	F
WASHINGTON						
DEMO 1	500 TO 5000	Intermittent	By NOTAM	VFR-IFR	FAA, POTOMAC TRACON	D
DEMO 2	10000 TO 15000	Intermittent	By NOTAM	VFR-IFR	FAA, POTOMAC TRACON	D
DEMO 3	Above 5000 To 15000	Intermittent	By NOTAM	VFR-IFR	FAA, POTOMAC TRACON	D
HILL	To 3000	Cont	Days	VFR-IFR	FAA POTOMAC APP	D

*1 Other Times By NOTAM
*2 To But Not Including FL 180